

REMARKS

Applicant hereby submits that the enclosures fulfill the requirements under 37 C.F.R. §1.821-1.825. The amendments in the specification merely insert the paper copy of the Sequence Listing and sequence identifiers in the specification. No new matter has been added.

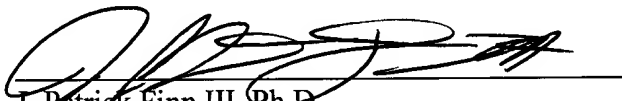
Attached hereto is a marked-up version of the changes made to the specification by the current amendment.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

April 1, 2002


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"Version With Markings to Show Changes Made"

In the specification:

Paragraph beginning at page 38, line 22, has been amended as follows:

RT-PCR. RNA is isolated from virions with RNA STAT 50-LS or STAT-60 (Tel-Test, Inc., Friendswood, TX), and converted to cDNA with 2.5 μ M random hexanucleotide primers and Superscript II (Life Technologies, Gaithersburg, MD) (Wilson et al., 1998). cDNA templates are amplified with primers corresponding to the PERV *pol/env* gene boundary (ACCTCGAGACTCGGTGGAAGGG; SEQ ID NO:14) and the untranslated region 3' of the PERV *env* gene (CTGGGTTCTGGGAGGGTTAGGTTG; SEQ ID NO:15), or amplified with PB906 (5' ACGTACTGGAGGAGGGTCACCTGA 3'; SEQ ID NO:16) and PB908 ([5] 5' GTCCCGAACCCTTATAACCTCTTG 3'; SEQ ID NO:17) or PERVenv1 (sense) (5' ACCTCGAGACTCGGTGGAG; SEQ ID NO:[11] 33) and PERVenv2 (anti-sense) (5' CTGGGTTCTGGGAGGGTTAGGTTG; SEQ ID NO:[12] 34) for 30 cycles at 94°C for 30 seconds, at 60°C for 30 seconds, and at 72°C for 1 minute. The amplified products are cloned into the PCRII T-A vector (Invitrogen Corp., San Diego, CA).

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